

Comparisons of Job Characteristics

Focus Occupation: Rail Car Repairers (49-3043)

Associated Occupation: Locomotive Firers (53-4012)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 67

Focus Occupation: Rail Car Repairers (49-3043)

Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Transportation	4.6	12.9	4.4	<< Extensive education and/or training may be required
Mechanical	6.8	12.4	14.0	> Current knowledge level is likely sufficient
Public Safety and Security	6.9	11.8	10.0	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 68

Focus Occupation: Rail Car Repairers (49-3043)

Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation Monitoring	6.6	12.7	9.8	<< Extensive development of skills in this area may be required
Operation and Control	5.4	12.0	10.0	< A higher skill level may be required
Troubleshooting	4.5	7.9	11.5	>> Skill level is likely more than sufficient
Equipment Maintenance	3.5	6.6	10.6	>> Skill level is likely more than sufficient
Repairing	3.4	6.0	12.0	>> Skill level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 63

Focus Occupation: Rail Car Repairers (49-3043)
Associated Occupation: Locomotive Firers (53-4012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	13.8	9.5	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	13.0	10.8	<	Some improvement in abilities may be required
Selective Attention	8.7	12.2	9.2	<<	Extensive improvement in abilities may be required
Control Precision	6.6	11.8	12.3	0	Current ability level may be sufficient
Response Orientation	4.0	11.4	8.5	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.6	6.4	<	Some improvement in abilities may be required
Night Vision	2.1	6.4	4.1	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	4.4	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	5.8	5.8	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 59

Focus Occupation: Rail Car Repairers (49-3043)
Associated Occupation: Locomotive Firers (53-4012)

Work Activities	Exclusivity of Activity
Examine vehicle to detect malfunctions, damage, or maintenance needed	75
Understand technical operating, service or repair manuals	6

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: n/a

Focus Occupation: Rail Car Repairers (49-3043)
Associated Occupation: Locomotive Firers (53-4012)

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.